

Dimock Residential Groundwater Site  
Sampling Summary of the [Ex. 6 - Personal Privacy] Residence on July 3, 2012

At 1030 hrs, START arrived at the [Ex. 6 - Personal Privacy] residence ([Ex. 6 - Personal Privacy]).

Personnel onsite (EPA and its representatives)

- Rich Fetzer (EPA – OSC)
- Rich Rupert (EPA – OSC)
- Dave Bofinger (ERRS – Kemron) - to oversee water treatment system
- [Ex. 4 - CBI] – to monitor methane concentrations
- Suddha Graves (START – TechLaw) – to collect groundwater samples
- Brian Burris (START – TechLaw) – to collect groundwater samples

It was reported to START by [Ex. 4 - CBI] that the wellhead had been purging since approx. 0900 hrs; the home (mobile home) at [Ex. 6 - Personal Privacy] (HW08a) had been purging since 0845 hrs at a flow rate of 1.43 gpm; and the home (trailer) at [Ex. 6 - Personal Privacy] (HW08b) had been purging since 0915 hrs at a flow rate of 2 gpm.

At 1105 hrs, purging at the wellhead was stopped. A YSI 556 MPS water quality meter was hooked up to the wellhead to monitor the stabilization of the water parameters.

At 1111 hrs, monitoring of water quality parameters commenced at the wellhead.

At 1137 hrs, water stabilization reached. Final record of water quality parameters were as follows;

- Temperature = 12.04 Celsius,
- Specific Conductivity (corrected) = 0.220 ms/cm<sup>c</sup>,
- Dissolved Oxygen = 5.8%,
- pH = 6.50,
- Oxidation Reduction Potential = 12.0 mv,
- flow rate = 0.8 L/min.

At 1138 hrs, wellhead sample (HW08\_R3) collected. A duplicate sample (HW08z\_R3) was also collected from the wellhead. Each sample will be analyzed for total manganese and dissolved manganese.

At 1149 hrs, a field blank sample (FB25) was collected.

At 1204 hrs, a sample (HW08b-P\_R3) was collected from the trailer at [Ex. 6 - Personal Privacy]. The sample was collected from the bathtub spigot (cold water) where the water had been purging. This water sample had been treated prior to it reaching the sample point (bathtub spigot).

At 1224 hrs, a sample (HW08a-P\_R3) was collected from the mobile home at [Ex. 6 - Personal Privacy]. The sample was collected from the kitchen sink faucet (cold water) where the water had been purging. This water sample had been treated prior to it reaching the sample point (kitchen sink faucet). Additionally, the faucet aerator had been removed prior to sampling.

At 1239 hrs, filtration of water samples commenced utilizing a Pegasus Alexis peristaltic pump and inline 0.45 micron barrel filters.

At 1306 hrs, filtration of water samples finished.

At 1326 hrs, START departed the Site.